



10th Annual Executive Forum on Modeling & Simulation

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A Decade of Change



- **Across-the-board cuts in forces & budgets**
- **Major geo-political upheaval**
- **Information Technology revolution**
- **Internet as a basic fact of life**

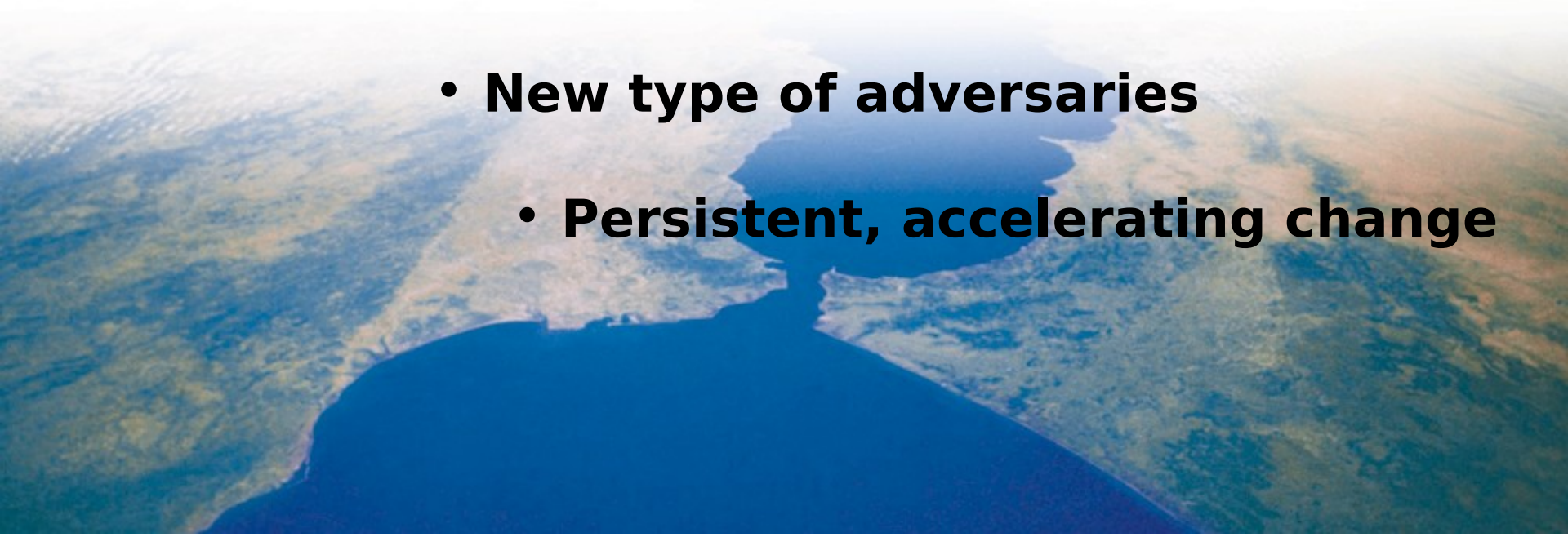




A Decade of Change



- **100 military operations worldwide**
- **Few forward deployed forces**
- **Reliance on Allies**
- **New type of adversaries**
- **Persistent, accelerating change**





New Imperatives



- **Smaller, open acquisition programs**
- **Continuous joint requirements development**
- **New partnering mechanisms with industry**

Institutionalize innovation & agility for mission success



Challenge of Space



- **Space Commission Report**
 - **National Security depends on space operations**
 - **DoD and IC not well positioned to succeed**
 - **AF foster and embrace space culture**
 - **Commercial sector is critical**



New Imperatives



- **Full-time cross-functional collaboration: WPC**
- **Scalable plug & play simulation tools**
 - **Clear, enforceable standards**
 - **Open, non-proprietary systems**
 - **Joint Synthetic Battlespace**



Responsibilities

- **Military**
 - **Set and enforce clear standards**
 - **Realistic operational requirements**
- **Defense Industry**
 - **Accept that requirements will change**
 - **Build open systems**



Focus on Warfighters



- **Too little emphasis on warfighters' M&S needs**
 - **Joint & Component training objectives**
 - **Mission planning & rehearsal**
 - **DMSO's CINC requirements study**



Warfighters' Top Issues



- **“Fearful Faith in JSIMS”**
 - **Concern over fielding plan and timeline**
 - **Continued support for legacy models**
 - **Get beta software to the field now**
 - **Can't afford to screw it up**



Warfighters' Top Issues



- **Must cut cost of using Models & Simulations**
- **Complex database development**
- **Large augmentation bills**
- **Expensive comms architecture**



Warfighters' Top Issues

- **M&S tools must run on current C4I architecture**
- **Project REAL WARRIOR**
- **Train on go-to-war processes & systems**





Warfighters' Top Issues

- **M&S education is important to everyone**
- **High personnel turnover--complex issues**
- **Exercise design & control**
- **Database development**
- **Must be teachers and salesmen**



- **Exciting times**
 - **Exciting mission**
 - **Takes dedicated teamwork**



